

Formatted Alignments

NP 245625 MiSeq	1	ATGGCGTCTCAAGGCACCAAACGACCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 245626 Method A	1	ATGGCGTCTCAAGGCACCAAACGACCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 245626 Method K	1	ATGGCGTCTCAAGGCACCAAACGACCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 245626 Method N	1	ATGGCGTCTCAAGGCACCAAACGACCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 245625 MiSeq	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 245626 Method A	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 245626 Method K	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 245626 Method N	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 245625 MiSeq	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 245626 Method A	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 245626 Method K	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 245626 Method N	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 245625 MiSeq	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTACCTGGAG	240
NP 245626 Method A	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTACCTGGAG	240
NP 245626 Method K	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTACCTGGAG	240
NP 245626 Method N	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTACCTGGAG	240
NP 245625 MiSeq	241	GAACATCCCAGTGCCGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 245626 Method A	241	GAACATCCCAGTGCCGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 245626 Method K	241	GAACATCCCAGTGCCGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 245626 Method N	241	GAACATCCCAGTGCCGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 245625 MiSeq	301	GATGGCAAATGGGTGAGAGAGTTGATCCTCTACGACAAAGAAGAGATCAGAAGAATTTGG	360
NP 245626 Method A	301	GATGGCAAATGGGTGAGAGAGTTGATCCTCTACGACAAAGAAGAGATCAGAAGAATTTGG	360
NP 245626 Method K	301	GATGGCAAATGGGTGAGAGAGTTGATCCTCTACGACAAAGAAGAGATCAGAAGAATTTGG	360
NP 245626 Method N	301	GATGGCAAATGGGTGAGAGAGTTGATCCTCTACGACAAAGAAGAGATCAGAAGAATTTGG	360

NP 245625 MiSeq	361	CGTCAAGCTAATAATGGAGAGGATGCAACTGCTGGTCTCACTCATTGATGATTGGCAT	420
NP 245626 Method A	361	CGTCAAGCTAATAATGGAGAGGATGCAACTGCTGGTCTCACTCATTGATGATTGGCAT	420
NP 245626 Method K	361	CGTCAAGCTAATAATGGAGAGGATGCAACTGCTGGTCTCACTCATTGATGATTGGCAT	420
NP 245626 Method N	361	CGTCAAGCTAATAATGGAGAGGATGCAACTGCTGGTCTCACTCATTGATGATTGGCAT	420

NP 245625 MiSeq	421	TCCAATCTGAATGATGCCACATAACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 245626 Method A	421	TCCAATCTGAATGATGCCACATAACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 245626 Method K	421	TCCAATCTGAATGATGCCACATAACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 245626 Method N	421	TCCAATCTGAATGATGCCACATAACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480

NP 245625 MiSeq	481	CCTAGAATGTGCTCTCTGATGCAAGGCTCAACCCTCCCTAGGAGATCCGGGGCTGCTGGA	540
NP 245626 Method A	481	CCTAGAATGTGCTCTCTGATGCAAGGCTCAACCCTCCCTAGGAGATCCGGGGCTGCTGGA	540
NP 245626 Method K	481	CCTAGAATGTGCTCTCTGATGCAAGGCTCAACCCTCCCTAGGAGATCCGGGGCTGCTGGA	540
NP 245626 Method N	481	CCTAGAATGTGCTCTCTGATGCAAGGCTCAACCCTCCCTAGGAGATCCGGGGCTGCTGGA	540

NP 245625 MiSeq	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAAC TAATTCGGATGATCAAACGAGGG	600
NP 245626 Method A	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAAC TAATTCGGATGATCAAACGAGGG	600
NP 245626 Method K	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAAC TAATTCGGATGATCAAACGAGGG	600
NP 245626 Method N	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAAC TAATTCGGATGATCAAACGAGGG	600

NP 245625 MiSeq	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAACGGTCGGAGAACCAGGATTGCCTACGAG	660
NP 245626 Method A	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAACGGTCGGAGAACCAGGATTGCCTACGAG	660
NP 245626 Method K	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAACGGTCGGAGAACCAGGATTGCCTACGAG	660
NP 245626 Method N	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAACGGTCGGAGAACCAGGATTGCCTACGAG	660

NP 245625 MiSeq	661	AGAATGTGCAACGTCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGGGCAATGATGGAC	720
NP 245626 Method A	661	AGAATGTGCAACGTCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGGGCAATGATGGAC	720
NP 245626 Method K	661	AGAATGTGCAACGTCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGGGCAATGATGGAC	720
NP 245626 Method N	661	AGAATGTGCAACGTCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGGGCAATGATGGAC	720

NP 245625 MiSeq	721	CAAGTGAGAGAAAGCCGGAATCCTGGGAATGCTGAAATTGAAGATCTCATCTTTCTCGCC	780
NP 245626 Method A	721	CAAGTGAGAGAAAGCCGGAATCCTGGGAATGCTGAAATTGAAGATCTCATCTTTCTCGCC	780
NP 245626 Method K	721	CAAGTGAGAGAAAGCCGGAATCCTGGGAATGCTGAAATTGAAGATCTCATCTTTCTCGCC	780
NP 245626 Method N	721	CAAGTGAGAGAAAGCCGGAATCCTGGGAATGCTGAAATTGAAGATCTCATCTTTCTCGCC	780
NP 245625 MiSeq	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTA	840
NP 245626 Method A	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTA	840
NP 245626 Method K	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTA	840
NP 245626 Method N	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTA	840
NP 245625 MiSeq	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAGGGATACTCTCTAGTCGGA	900
NP 245626 Method A	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAGGGATACTCTCTAGTCGGA	900
NP 245626 Method K	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAGGGATACTCTCTAGTCGGA	900
NP 245626 Method N	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAGGGATACTCTCTAGTCGGA	900
NP 245625 MiSeq	901	ATTGATCCTTTCCGTCTGCTCCAAAACAGCCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 245626 Method A	901	ATTGATCCTTTCCGTCTGCTCCAAAACAGCCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 245626 Method K	901	ATTGATCCTTTCCGTCTGCTCCAAAACAGCCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 245626 Method N	901	ATTGATCCTTTCCGTCTGCTCCAAAACAGCCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 245625 MiSeq	961	AATCCAGCTCATAAAAGTCAGCTGGTATGGATGGCATGCCACTCTGCGGCATTTGAGGAT	1020
NP 245626 Method A	961	AATCCAGCTCATAAAAGTCAGCTGGTATGGATGGCATGCCACTCTGCGGCATTTGAGGAT	1020
NP 245626 Method K	961	AATCCAGCTCATAAAAGTCAGCTGGTATGGATGGCATGCCACTCTGCGGCATTTGAGGAT	1020
NP 245626 Method N	961	AATCCAGCTCATAAAAGTCAGCTGGTATGGATGGCATGCCACTCTGCGGCATTTGAGGAT	1020
NP 245625 MiSeq	1021	CTGAGAGTGTCAAGCTTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 245626 Method A	1021	CTGAGAGTGTCAAGCTTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 245626 Method K	1021	CTGAGAGTGTCAAGCTTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 245626 Method N	1021	CTGAGAGTGTCAAGCTTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080

NP 245625	MiSeq	1081	AGAGGAGTTCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 245626	Method A	1081	AGAGGAGTTCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 245626	Method K	1081	AGAGGAGTTCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 245626	Method N	1081	AGAGGAGTTCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140

NP 245625	MiSeq	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 245626	Method A	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 245626	Method K	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 245626	Method N	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200

NP 245625	MiSeq	1201	GCATCTGCAGGACAAATCAGCGTACAGCCACATTCTCTGTGCAAAGAAACCTCCCATTCT	1260
NP 245626	Method A	1201	GCATCTGCAGGACAAATCAGCGTACAGCCACATTCTCTGTGCAAAGAAACCTCCCATTCT	1260
NP 245626	Method K	1201	GCATCTGCAGGACAAATCAGCGTACAGCCACATTCTCTGTGCAAAGAAACCTCCCATTCT	1260
NP 245626	Method N	1201	GCATCTGCAGGACAAATCAGCGTACAGCCACATTCTCTGTGCAAAGAAACCTCCCATTCT	1260

NP 245625	MiSeq	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 245626	Method A	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 245626	Method K	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 245626	Method N	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320

NP 245625	MiSeq	1321	AGAACTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 245626	Method A	1321	AGAACTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 245626	Method K	1321	AGAACTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 245626	Method N	1321	AGAACTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380

NP 245625	MiSeq	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 245626	Method A	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 245626	Method K	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 245626	Method N	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440

NP 245625	MiSeq	1441	ATGAGTAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 245626	Method A	1441	ATGAGTAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 245626	Method K	1441	ATGAGTAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 245626	Method N	1441	ATGAGTAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497